

CLASSIFIED MESSAGE

ROUTING

ORIG :   
 UNIT : NPIC/TSSG/APSD/IEB  
 EXT :   
 DATE : 15 JANUARY 1970

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| ROUTINE  |   | OPERATIONAL IMMEDIATE | INITIALS |

OUT 69170

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TO

INFO

CITE

7810

SAC OFFUTT AFB OMAHA, NEBR  
 100 SRW OL 19 MCCOY AFB FLA  
 DIA WASH DC  
 CIA WASH DC  
 15TH AF MARCH AFB RIVERSIDE, CALIF  
 HQ USAF WASH DC  
 100 SRW DAVIS MONTHAN AFB ARIZ  
 12 SAD DAVIS MONTHAN AFB ARIZ  
 544 ARTW OFFUTT AFB OMAHA, NEBR  
 NAVRECONTECHSUPCEN, SUITLAND MD  
 WRAMA/WRNWA WARNER ROBBINS AFB, GA

SECRET

SAC FOR DIRI, DOSR, DISD, DM4C, DPLC; 100 SRW DAVIS MONTHAN AFB FOR  
 DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1; HQ USAF FOR  
 AFIGOS, AFXOTR; 15TH AF FOR DI, DO, DM4C.

COORDINATING OFFICERS

CHIEF, NPIC/TSSG  
 RELEASING OFFICER

S E C R E T

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CLASSIFIED MESSAGE

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SUBJECT: EVALUATION OF OLD HEAD MISSION G-112, 12 JANUARY 1970 '

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY OF THIS MISSION IS FAIR TO GOOD. THE BEST IMAGE QUALITY OF THIS MISSION IS COMPARABLE TO THAT OBTAINED ON THE BETTER MISSIONS (G-103, G-104 AND G-105) UTILIZING THIS SYSTEM. THE FAIR QUALITY IMAGERY IS THE RESULT OF VEHICLE VIBRATIONS WHICH RESULT IN THE LACK OF GOOD EDGE DEFINITION AND A GENERAL "SOFT" APPEARANCE AT MAGNIFICATIONS ABOVE 25X. THE AFT LOOKING IMAGERY, ALTHOUGH COMPARABLE TO THE FWD LOOKING IMAGERY AT TIMES, IS GENERALLY OF SLIGHTLY POORER QUALITY. IN ADDITION, SLIGHT VARIATION WAS NOTED IN QUALITY ACROSS THE FORMAT. THE IMAGERY OBTAINED NEAR THE TITLED EDGE OF THE FORMAT IS OF SLIGHTLY BETTER QUALITY THAN THAT IMAGERY NEARER THE NON-TITLED EDGE. DOUBLE IMAGERY WAS NOTED ON THE AFT-LOOKING FRAMES AT 27 - 30 DEGREES LEFT AND RIGHT. THIS IS THE FIRST TIME THIS HAS BEEN OBSERVED AND IS CONSIDERED TO BE THE RESULT OF A WINDOW JOINT. THE INTERPRETATION SUITABILITY RANGES FROM FAIR TO GOOD. CLOUD COVER AFFECTS LESS THAN 2 PERCENT OF THE ENTIRE MISSION.

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|   | ROUTINE  | OPERATIONAL<br>IMMEDIATE | INITIALS |

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## 2. MISSION DATA:

- A. G-112, 12 JAN 1970
- B. I-2, 8007
- C. A/C NO: 339
- D. STEREO
- E. T/O: 1218Z, C/ON: 1432Z
- F. 3404, W-23A
- G. MX-819-1, NRTSC
- H. AVG. GAMMA: 1.83
- I. SLIT WIDTH: .099

3. A. EXPOSURE: ADEQUATE FOR INTERPRETATION ALTHOUGH SLIGHTLY  
UNDEREXPOSED ON THE FIRST HALF OF THE MISSION.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM.

C. IMAGED DEGRADATIONS: NONE OTHER THAN THOSE CONSIDERED  
CHARACTERISTIC OF THE SYSTEM.

D. PHYSICAL DEGRADATIONS: FINE EMULSION SCRATCHES ARE  
PRESENT THROUGHOUT THE MISSION. THE FILM WAS CUT IN FRAME 599

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AS A RESULT OF A PROCESSING ANOMALY. A PIECE OF FILM (APPROXIMATELY 2 SQUARE INCHES) WAS CUT OUT OF THE MATERIAL AND NOT ~~REPROCESSED~~ PROCESSED. THE PIECE WAS TAPED BACK INTO THE FRAME AND CONTAINED NO IMAGERY. THERE ARE FOUR HEAT SPLICES AND ONE ULTRA-SONIC SPLICE ON THIS MISSION.

E. DATA RECORDING EQUIPMENT: ALL SYSTEMS FUNCTIONED PROPERLY THROUGHOUT THE MISSION, WITH THE EXCEPTION OF A DOUBLE EXPOSED DATA BLOCK ON FRAME 716.

F. OTHER: THE TITLED HALF OF THE FORMAT HAS A HIGHER DENSITY THAN THE NON-TITLED HALF. THE DENSITY DIFFERENCE IS NOT GRADUAL BUT WELL DEFINED AS AN ABRUPT INCREASE IN DENSITY NEAR THE CENTER OF THE FORMAT. APPARENTLY ASSOCIATED WITH THIS IS A SPLASH-TYPE FOG PATTERN ON THE AFT FRAMES WHICH IS LOCATED ON THE TITLED EDGE OF THE FORMAT AND 9 INCHES FROM THE SUPPLY END OF THE FORMAT. BOTH OF THESE DENSITY PATTERNS BEGIN ON FRAME 230 AND END AT A HEAT SPLICE WHICH IS PRESENT ON FRAME 265. THE LAST TITLED FRAME IS 716 COUNTER NUMBER 721. THE PLUS FIVE BIAS WAS HELD THROUGHOUT

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|  | ROUTINE  | OPERATIONAL<br>IMMEDIATE | INITIALS |

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INFO

CITE

THE MISSION.

4. POSITIVES: THE PRINTING AND PROCESSING ARE ADEQUATE  
FOR INTERPRETATION PURPOSES.

END OF MESSAGE

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TO ADIC INFO CIT

(SIG CENTER NOTE: PLEASE INSERT TAPE FOR EVALUATION OF OLD  
 HEAD MISSION G-112 HERE.) THANK YOU

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